



DOCKET NO. K0448.70012US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


Applicant : Kaji et al.  
Serial No.: 09/980,954  
Confirmation No.: 3440  
Int'l Filing Date: June 5, 2000  
For: CRYSTAL OF RIBOSOMAL RECYCLING FACTOR (RRF) PROTEIN  
AND APPLICATION THEREOF ON THE BASIS OF THREE-  
DIMENSIONAL STRUCTURAL DATA OBTAINED FROM THE  
CRYSTAL

Examiner: David J. St eadman  
Art Unit: 1652

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 16<sup>th</sup> day of February, 2005.

  
June Watson

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**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

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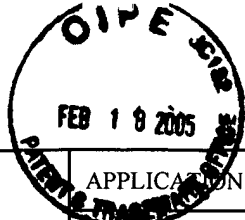
Art Unit: 1652

An early and favorable action is hereby requested.

Respectfully submitted,  
***Kaji, et al., Applicant***

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Docket No. K0448.70012US00  
Date: February 16, 2005  
**x02/16/05x**



<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 09/980,954		DOCKET NO.: K0448.70012US00	
				FILING DATE: June 5, 2000		CONFIRMATION NO.: 3440	
				APPLICANT: Kaji, et al.			
				GROUP ART UNIT: 1652		EXAMINER: David J. Steadman	
Sheet	1	of	1				

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	A1	5,856,116	B1	Wilson, et al.	01-05-1999

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	C52	TOYODA, T., "Crystal structure combined with genetic analysis of the Thermus thermophilus ribosome recycling factor shows that a flexible hinge may act as a functional switch," RNA (2000), Cambridge University Press, Vol. 6 pgs. 1432-1444		
	C53	AGRAWAL, RK, "Visualization of ribosome-recycling factor on the Escherichia coli 70S ribosome: Functional implications," Proc. Natl. Acad. Sci. USA, June 15, 2004, Vol. 101, No. 24, pgs. 8900-8905		
	C54	KIM, KK, "Crystal structure of the ribosome recycling factor from Escherichia coli," European Molecular Biology Organization, The EMBO Journal, (2000), Vol. 19, No. 10, ppg. 2362-23700		
	C55	YOSHIDA, T., "Solution Structure of the Ribosome Recycling Factor from Aquifex aeolicus," Biochemistry 2001, American Chemical Society, Vol. 40, pgs. 2387-2396		

EXAMINER:	DATE CONSIDERED:
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office has waived the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications.]